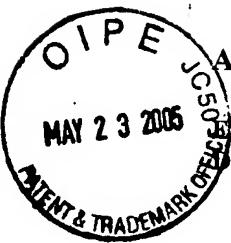


05-25-05

JFW



Attorney Docket No. FSUN-001/01US

PATENT

Express Mail Label Number: EV 525 579 880 US
Date of Deposit: May 23, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of P. Bryant CHASE, et al. Confirmation No.: 8210
 Serial No.: 10/688,078 Group Art Unit: 1651
 Filed: October 17, 2003 Examiner: Rosanne KOSSON
 For: BIOMOLECULAR-BASED ACTUATOR

Mail Stop AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL OF RESPONSE

Enclosed are the following documents in response to the Office Action mailed February 23, 2005 for the above-identified application:

Amendment/Response (16 pages)
 Return receipt postcard

The fee has been calculated as follows:

	NO. OF CLAIMS	NO. OF CLAIMS PREVIOUSLY PAID	EXTRA CLAIMS	RATE	FEE
Total Claims	35	- 81=	0	x \$50.00	0.00
Independent Claims	4	- 4 =	0	x \$200.00	0.00
If multiple dependent claims are presented, add \$360.00					
Total Amendment Fee					0.00
If small entity status is applicable, subtract 50% of Total Amendment Fee					
Other fees: (specify)					0.00
TOTAL FEE DUE					0.00

- A check for the total fee is attached.
- Please charge \$ to Deposit Account No. (PA) 03-3117 (RE) 50-1283 for the total fee. This paper is being submitted in duplicate.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

Dated: May 23, 2005

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Attorney Docket No. FSUN-001/01US

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AMENDMENT/RESPONSE TO OFFICE ACTION

In response to the Official Action dated February 23, 2005, please amend the above-identified patent application in the following manner.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 13 of this paper.